| Index of Claims  | Application No. | Applicant(s)        |
|--|-----------------|---------------------|
| ABIIN BANA IDIIA IRINA AKIN DONI JEBAR NAIK ALBI IDBI    | 09/960,714      | ROUTHENSTEIN ET AL. |
|  | Examiner        | Art Unit            |
| 88111 88119 18118 18118 E1111 88111 1881 11811 8181 1881 | April A. Taylor | 2876                |

|         |          | =  |                         | Allowed   |                         |           |          |           | Restricted |                  |          |               |          |                |           |                | 1              | ln        | terf     | er       | en              | ce   |              | 0             | O Objected |          |          |              |          |          |              |                 |                         |          |
|---------|----------|--|-------------------------|---|-------------------------|-----------|----------|-----------|------------|------------------|----------|---------------|----------|----------------|-----------|----------------|----------------|-----------|----------|----------|-----------------|--|--------------|---------------|------------|----------|----------|--------------|----------|----------|--------------|-----------------|-------------------------|----------|
| Cla     | aim      | Ţ  |                         |   | , .                     | Date      | e ·      | <u> </u>  |            |                  |          | CI            | aim      | I              |           |                | Da             | te        |          |          |                 | 7  | . [          | Cla           | aim        |          |          |              | Г        | Date     |              |                 |                         | 7        |
| Final   | Original | 5/28/04  |                         |   |                         |           |          |           |            |                  |          | Final         | Original |                |           |                |                |           |          |          |                 | The Strategies of the Strategi |              | Final         | Original   |          |          |              | . ]      |          |              |                 |                         |          |
|         | 1        | Ŀ  |                         |   |                         |           |          |           |            |                  |          |               | 51       |                |           | $\dashv$       | +              | $\dagger$ | +        | +        | +               | $\exists$  | ŀ            |               | 101        | -        |          | -            |          | _        | 4            | +               | $\dashv$                |          |
| -       | 3        | +-   | +-                      | <u> </u>  | <u> </u>                |           | $\sqcup$ |           | -          | _                |          |               | 52       |                |           |                |                | Ι         |          |          |                 | 7  | ۱            |               | 102        | Н        |          | 7            | $\dashv$ | _        | $\dashv$     | +               | +                       | $\dashv$ |
| -       | 4        | H  | ╁                       | ⊢   | $\vdash$                | Н         | $\vdash$ | -4        | _          | 긕                |          |               | 53       | $\perp$        | $\Box$    | 4              |                | $\perp$   | $\perp$  | I        | I               |  |              |               | 103        |          |          | 7            |          |          | 7            | 十               | 7                       | $\dashv$ |
| -       | 5        | t  | +                       | $\vdash$  | -                       | Н         | $\vdash$ |           | +          |                  | M        | <u> </u>      | 54       | $\vdash$       | _         | 4              |                | Ļ         | 4        | 1        |                 |  | L            |               | 104        |          |          |              |          | $\neg$   | _            | $\neg \uparrow$ | +                       | 7        |
|         | 6        | †-   | ╁┈                      | $\vdash$  | -                       | $\vdash$  | $\dashv$ | $\dashv$  | -+         | 긕                |          | <u> </u>      | 55       | 1              | 4         |                | <u> </u>       | L         | $\bot$   | _        | _               | _  |              |               | 105        |          |          |              |          |          |              |                 | $\neg$                  |          |
|         | 7        | 1-   | H                       | $\vdash$  | Н                       | $\vdash$  | -        | {         | -          | <del></del>      | H        |               | 56<br>57 | +              |           | -              | 4              | ╀         | _        |          | 4               | 4  | L            |               | 106        |          |          |              | $\Box$   |          |              | T               |                         | ٦        |
| _       | 8        | †-   |                         | H   | Н                       |           | +        | $\dashv$  | -          | -                | W        |               |          | +              | -         |                |                | 1         | 4        | _        | 4               |  |              | _             | 107        |          | _        |              |          |          |              |                 | $\top$                  |          |
|         | 9        | -  | $\vdash$                | $\neg$  | -                       | $\exists$ | +        | $\dashv$  | $\dashv$   | $\dashv$         |          | <del> </del>  | 58<br>59 |                | -         | 4              | -              | ╀         | 4        | _        | +               | 4  | Ļ            |               | 108        |          |          | $\perp$      |          |          | $\Box$       |                 |                         |          |
|         | 10       | -  |                         |   | $\vdash$                | +         | $\dashv$ | $\dashv$  | +          |                  |          | <u> </u>      | 60       | $\vdash$       | $\dashv$  | -              | +              | ╀         | +        | +        | -               | 4  | L            | _             | 109        | _        | 1        |              | $\perp$  | $\perp$  |              |                 | $oldsymbol{\mathbb{T}}$ | ]        |
| 7       | 11       | -  | $\vdash$                | $\dashv$  |                         | $\dashv$  | 寸        | $\dashv$  | ┰          | $\dashv$         |          |               | 61       | $\vdash\dashv$ | -+        | +              |                | ╀         | +        | 4        | +               | 4  | ŀ            |               | 110        | $\dashv$ | $\bot$   | $\perp$      | $\perp$  |          |              |                 |                         |          |
|         | 12       | † <del>-</del>   | $\vdash$                | $\neg$  | $\dashv$                | _         | $\dashv$ | $\dashv$  | +          | $\dashv$         |          |               | 62       | $\vdash$       | +         | +              | - -            | ╀         | +        | +        | +-              | 47   |              |               | 111        | _        | 4        | $\perp$      |          |          | $\perp$      |                 |                         |          |
| _       | 13       | -  |                         | $\dashv$  | $\dashv$                | $\dashv$  | $\dashv$ | $\dashv$  | +          | -                |          |               | 63       | $\vdash$       | -+        | +              | +              | ⊢         | +        | +        | +-              | 45   | 1            |               | 112        | 4        | _        |              | $\perp$  | $\perp$  |              | L               |                         |          |
|         | 14       | -  |                         | $\neg$  | 7                       | 7         | $\dashv$ | 1         | _          | -1               | ( u)     |               | 64       | +              | +         | +              | +-             | H         | +        | +        | $\bot$          | 4  | L            | $\rightarrow$ | 113        | _        | $\dashv$ | 4            | 4        | $\perp$  |              |                 |                         |          |
|         | 15       | -  |                         | $\exists$   | ┪                       | 十         | $\top$   | $\dashv$  | +          | 7                |          |               | 65       | -+             | -+        | +              | +-             | ├         | ┰        | ╀        | +               |  | <b>.</b>     |               | 114        | _        | 4        |              | 4        | 4        | $\perp$      | $\perp$         | $\bot$                  | _]       |
|         | 16       | -  |                         | $\exists$   |                         | 十         | $\dashv$ | $\dashv$  | +          | ٦,               |          |               | 66       |                | -+        | +              | ┿-             | H         | +        | ┰        | +-              | J.   | -            |               | 115        | 4        | 4        | 1            | 4        | 4        | Ш.           | $\perp$         |                         |          |
| ī       | 17       | =  |                         | T   | $\exists$               | $\dashv$  | 寸        | $\dashv$  | +          | -                |          |               | 67       |                | $\dashv$  | +              | +-             |           | +        | ╬        | -               | Į.,  | -            |               | 116        | _        | _ _      | 4            | 4        | _        |              | $\perp$         | ┙                       | ┙        |
| 2       | 18       | =  |                         |   | 7                       | _         | 7        | -+        |            | - [              |          | -+            | 68       | $\vdash$       | $\dashv$  | +              | +-             | -         | +-       | +-       | +-              |  | L            |               | 117        | _        | 1        | 4            | 1        | _ļ_      | $\perp$      |                 |                         |          |
| 3       | 19       | =  |                         |   | 1                       |           | $\dashv$ | -+        |            | ٦.               |          |               | 69       | -              |           | +              | +-             | <u> </u>  | +-       | +-       | +               |  | L            |               | 118        | 4        | 4        | $\perp$      | 4        |          |              |                 |                         |          |
| iΤ      | 20       | =  |                         | 7   |                         |           | _        | +         |            | ٦.               |          |               | 70       | $\vdash$       | -         | +-             | +-             | ŀ۰        | +-       | ╀        | -               | j.   |              |               | 119        | 4        |          | 4            | _        | $\perp$  | $\perp$      | $\perp$         | $\perp$                 |          |
| 5       | 21       | =  |                         | 寸   | 寸                       | 十         | ╅        | ナ         | +          | - 6              | - }      |               | 71       | +              | +         | ╁              | +              | Ļ.        | +-       | ╁        | +-              |  | $\vdash$     |               | 120        | _        | _        | _            | 4        | 4        | $\downarrow$ | 1               | $\perp$                 |          |
| 3       | 22       | =  | 7                       | _   | 寸                       | _         | _        | _         |            | 1                | 1        | $\neg \dashv$ | 72       | -              | ╅         | +              | +              | _         | ╁        | +-       | +-              |  |              |               | 121        | 4        | 4        | $\perp$      | 1        | 4        |              | Ĺ               | $\perp$                 |          |
|         | 23       | =  | T                       | 7   | 7                       | 1         | +        | +         | -          | 4                | +        |               | 73       |                | +         | ╁              | +              | _         | +        | ╁        | +-              |  | ::           |               | 122        | 4        | 4        | 4            | $\perp$  | 4        | $\perp$      | $\perp$         | $\perp$                 | i        |
|         |          | =  | _†                      | _   | _                       | 7         | _        | +         | _†_        | 7                |          | -+            | 74       | -              | $\dashv$  | ╁              | ╁┤             | _         | +-       | ╀        | +-              |  | Ŀ            |               | 123        | 4        | 4        | 4            | $\perp$  | $\bot$   |              | $\perp$         |                         |          |
|         |          | =  | _                       | T   | $\top$                  | $\top$    | +        | $^+$      | +          | +                | 1        | $\overline{}$ | 75       | -+             |           | +              | +              | _         | +        | ╀─       | -               | Ü  | -            |               | 124        | _        |          | 4            | 4        | 4        |              | $\perp$         | $\perp$                 |          |
| 0       |          | =  |                         | $\top$  | $\top$                  | $\top$    | $^{+}$   | $\forall$ | +          | 48               | 1        | $\rightarrow$ | 76       | $\dashv$       | +         | ┰              | ╁┼             | _         | +        | ╀        | +-              |  | -            |               | 125        | _        |          | _            |          | $\perp$  |              | L               | L                       | _        |
| T       | 27       |  |                         |   | _ -                     | 7         | 7        | 1         | $\dashv$   | 1                | -        |               | 77       | -              | +         | ╁              | ╁╌┧            | _         | +-       | ╄        | -               |  | $\vdash$     |               | 126        | _        | _        | +            | $\perp$  | 1        | _            | ┸               | $\perp$                 | _        |
|         | 28       | $\neg$   | $\exists$               |   |                         | ┪         | $\dashv$ | 1         | +          |                  | -        | $\dashv$      | 78       | $\dashv$       | +         | ╁╌             | ╁╌┤            |           | +-       | -        | +-              |  | $\vdash$     |               | 127        | 4        |          | $\perp$      | -L       | $\perp$  | 1            | $\perp$         | ┸                       | _]       |
|         | 29       |  | 7                       | $\top$  |                         |           | $\top$   | 1         | $\top$     | 1.               | 4        | 一十            | 79       | $\dashv$       | ┰         | +              | 1. 1           |           | ╄        | ┼        | H               |  | -            | -1            | 128        | +        | _        | 4_           | 1        | 4        | $\bot$       | $\perp$         | ┸                       | _] .     |
| $\perp$ | 30       |  | 7                       |   |                         | _         | _        | 7         | _          | ٦.               | ŀ        | _             | 80       | $\dashv$       | -         | ╁              | ++             | -         | ╁        | ├        | Н               |  | -            |               | 29         | 4        | 4        | <del> </del> | +        | 4        | 4            | 1_              | 1                       | _        |
|         | 31       |  |                         | $\top$  |                         | 7         | ┰        | 1         | $\top$     | 1                | -        |               | 81       | $\dashv$       | ╅         | +              | ╁              |           | ╁        | -        | ╀─┤             |  | -            |               | 30         | 4        | +        | +            | +        | 1        | 1            | 1_              |                         | 1        |
|         | 32       |  | T                       | Т   | $\top$                  | 7         | $\top$   | $\top$    | $\top$     | 1                | H        |               | 82       | +              | +-        | +              | ╁              | _         | +-       | -        | $\vdash$        |  | -            |               | 31         | +        | 4-       | 4-           | 4        | -        | ╀.           | _               | $\perp$                 |          |
|         | 33       | $\Box$   | T                       | $\top$  | 1                       |           | Ť        | $\top$    | 1          |                  | ŀ        |               | 83       | +              | +         | ╁              | ╁┼             | _         | ├-       | -        | $\vdash$        |  | <u> </u>     | +1            | 32         | 4-       | +-       | +            | ↓_       | _        | 1            | 4               | <u> </u>                | 1        |
| $\perp$ | 34       | T  |                         | T   | $\top$                  |           | 1        | ナ         | 1          | 1#               | 十        |               | 84       | $\dashv$       | +-        | +              | ╆╌╁            | _         | ╁        | -        | Н               |  | ├_           | - 17          | 33         | 4        | +        | +            | ╀        | ļ_       | _            | ┺               | _                       | J        |
|         | 35       |  | Т                       | T   | T                       | T         | T        |           | _          |                  | 1        |               | 85       | +              | +         | +              | ╁┼             | _         | ╁        | -        | $\vdash$        |  | <del> </del> |               | 34         | +        | +        | <u> </u>     | +        | 1        | 1            | _               |                         |          |
|         | 36       |  |                         |   | T                       |           | $\top$   | $\top$    | 1          | 10               | -        |               | 86       |                | ╁         | <del>  -</del> | 1-1            | -         | -        | -        | Н               |  | <u> </u>     |               | 35         | 4        | 4        | ╄-           | ╀        | 4        | ↓            | 1               | _                       | 1        |
|         | 37       |  | Ţ                       | $\top$  |                         | T         | 7        | 1         | Ť          | 1.               | ┢        |               | 87       | +              | +         | Ť              | $\vdash$       |           | H        |          | $\vdash$        |  | -            |               | 36 -       | 1        | 4_       | 1            | 1        | T.       | -            | <u> </u>        | Ľ                       |          |
|         | 38       |  | $\top$                  | $\top$  | 7                       | $\top$    | $\top$   | T         | T          |                  | <b>#</b> |               | 88       | +              | +         | +-             |                |           | ├        |          | $\vdash \vdash$ | H  | <u> </u>     | _             | 37         | +        | 4_       | -            | 1        | 1        | 1            | _               | _                       | 1        |
| ;       | 39       | T  | T                       | T   | T                       | $\top$    | $\top$   | $\top$    | †          |                  | $\vdash$ | _             | 89       | +              | +         | +              | +              | _         | Н        |          |                 |  | <u> </u>     |               | 38         | +        | +        | 1            | <u> </u> | $\perp$  | 1            | 1               | igspace                 | 1        |
|         | 10       | T  | o                       |   | T                       | 7         | 1        | 1         | 1          |                  | +        |               | 90       | +              | ┿         | ╁              | <del>   </del> |           | H        | •        | -4              |  | <u> </u>     |               | 39         | +        | +-       | ـ            | $\perp$  | $\bot$   | ↓_           | _               | $\vdash$                | 1        |
| 4       | 11       |  |                         | Τ   |                         | T         | $\top$   | $\top$    | +          |                  | ااز      |               | 91       | +              | +-        | <del> </del>   |                | -         | $\vdash$ |          |                 |  | <u> </u>     | 1             | 40         | +-       | +        | ╀            | +        | 1        | ↓_           | <u> </u>        | _                       |          |
|         | 12       | $oldsymbol{\mathbb{I}}$  | J                       | $ m I^-$  | 7                       |           | T        | $\top$    | $\top$     |                  |          | -             | 92       | +              | +         | +-             |                | -         | H        | -        | $\dashv$        |  | <u> </u>     | 11            | 41         | +        | +        | ├            | ╄        | 1        | _            | ļ               | _                       | 1        |
| 4       | 13       | $oldsymbol{ol}}}}}}}}}}}}}}} $ | $oldsymbol{\mathbb{I}}$ | T   | Τ                       | T         | T-       | T         | T -        |                  | 1        |               | 93       | +              | +         | <u> </u>       | $\vdash$       | $\dashv$  | -        | -        |                 | 70   | <u> </u>     | 1.            | 42         | +-       | +-       | ┞-           | ↓_       | $\vdash$ | ـ            | <u> </u>        | <u> </u>                |          |
|         | 4        | $oxed{oxed}$   | $\int$                  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | Ι                       | T         | T        | T         | 1          |                  |          |               | 94       | +              | $\vdash$  |                | -              | $\dashv$  | $\vdash$ | -        |                 | 51   | _            | +             | 43         | +        | +-       | _            | ↓_       | -        | ↓_           | <b>—</b>        | <u> </u>                |          |
| 4       | 5        |  | $\Box$                  | $oldsymbol{\mathbb{L}}$                           | Ι                       | Ι         |          | T         | T          |                  |          |               | 95       | +              | $\dagger$ | $\vdash$       | $\dashv$       | -         | $\vdash$ |          |                 | - 41   | _            | 1             | 44         | ╄        | +-       | -            | ╄        | 1        | 1            | _               | <u> </u>                |          |
| 14      | 6        | _[.  | $\perp$                 | $\perp$   | $\prod$                 | Ι"        |          |           | 1          | History<br>Lance | 1        |               | 96       | $\top$         | t         | Н              | +              | $\dashv$  | -        | $\dashv$ | -               | 레  |              | 1             | 45<br>46   | +-       | +-       | -            | -        |          | <b> </b>     |                 | L.,                     |          |
|         | 7        | $\perp$  |                         | L   | $oldsymbol{\mathbb{I}}$ | Γ         | Ι        |           |            |                  |          |               | 97       | $\top$         | +         | H              | +              | ┪         | +        | $\dashv$ | -               |  | _            | 114           | 46<br>47 - | +        | ┼-       | L            | 1        | ₩        | ├            | L               |                         |          |
| 1 4     | 8        |  |                         |   | Т                       |           | T        | T         |            |                  | $\vdash$ |               | 8        | _              | +         | ╌┤             | $\dashv$       | -+        | -+       |          |                 |  |              |               | 18         | 1_       |          |              | 1        | 1        | 1            | ı               |                         | i        |